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(54) Title: METHOD AND APPARATUS FOR EXTRACTING THIRD VENTRICLE INFORMATION
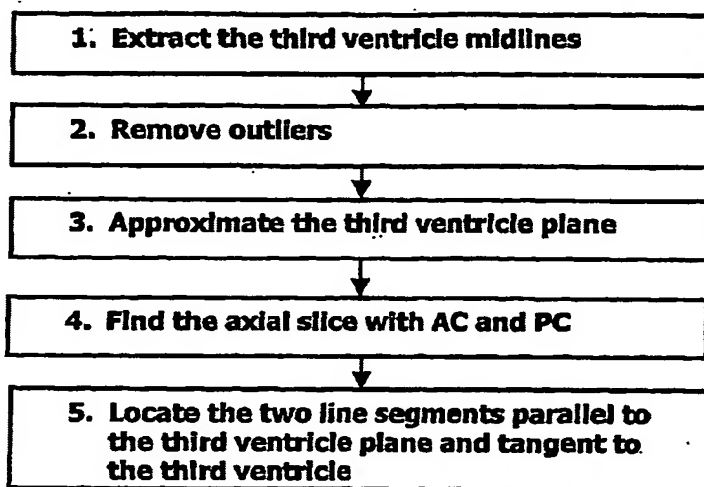
(57) Abstract: A method for extracting third ventricle information from images of a plurality of axial slices of a third ventricle of a
brain comprises determining a midline for each of a number of the axial slices, determining the orientation of each of the midlines,
generating a histogram of the orientations of the midlines, determining the peak of the histogram to provide a peak orientation,
selecting the midlines having an orientation within a predetermined angle from the peak orientation and calculating the third ventricle
plane from the midlines having an orientation within the predetermined angle from the peak orientation.

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